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INVENTOR:
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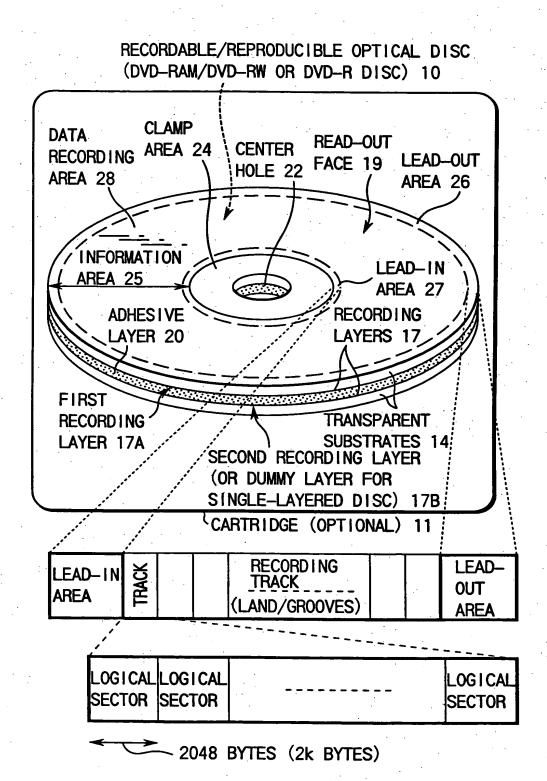
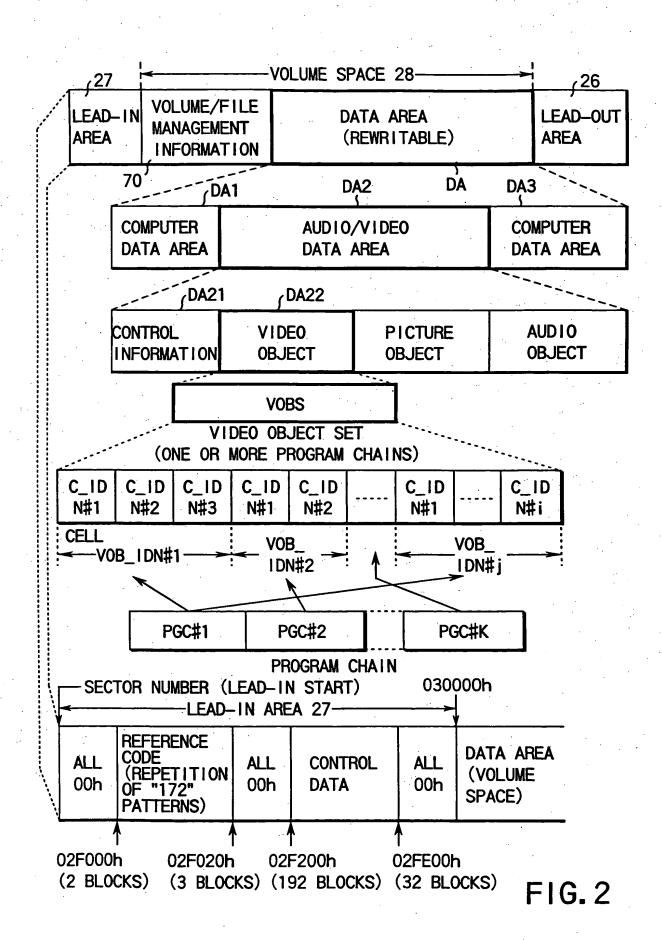


FIG. 1

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DOCKET NO: 249677US2S DIV
INVENTOR:
Yasufumi TSUMAGARI et al.
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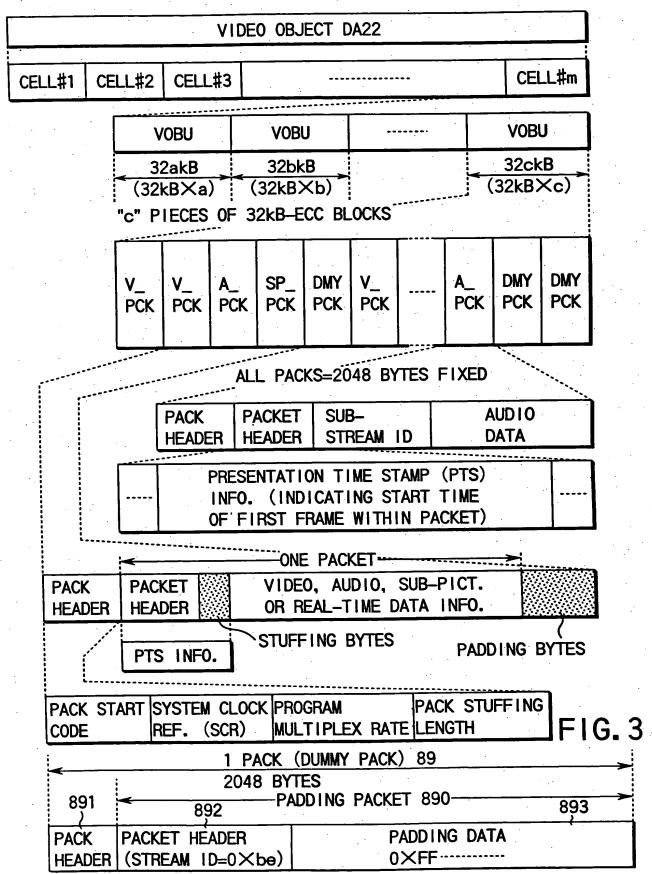


FIG. 4

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ROOT DIRECTORY SUB-DIRECTORY DVD-RTR DIRECTORY FILES RTR. IFO (VR_MANGR. IFO) (NAVIGATION DATA RTR_VMG) RTR_MOV. VRO (VR_MOVIE. VRO) (MOVIE VIDEO OBJECT) RTR_STO.VRO (VR_STILL.VRO) (STILL PICTURE VIDEO OBJECT) RTR STA. VRO (VR_AUD10. VRO) (STILL PICTURE ADDITIONAL AUDIO OBJECT) RTR=REAL TIME RECORDING OTHER DIRECTORIES VIDEO TS (VIDEO TITLE SET) AUDIO_TS (AUDIO TITLE SET) SUB-DIRECTORY FOR OTHER FILES COMPUTER DATA STORAGE

FIG.5

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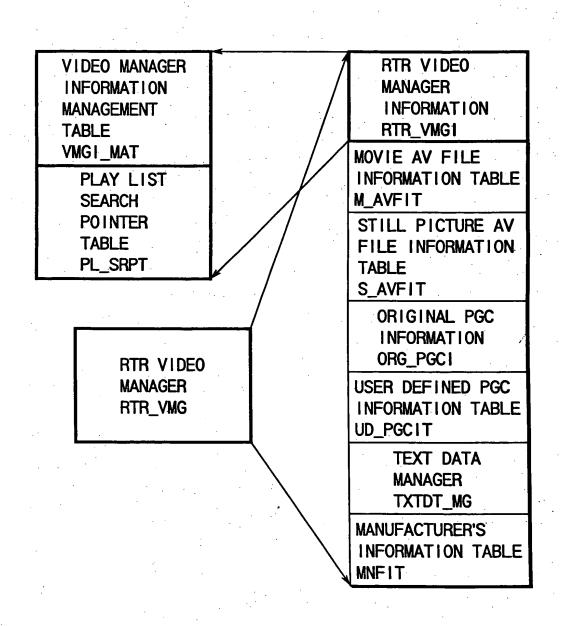


FIG.6

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CONTENTS OF VIDEO MANAGER INFORMATION MANAGEMENT TABLE (VMGI_MAT)

RBP	FILE NAME	CONTENTS
0–11	VMG_ID	VMG IDENTIFIER
12–15	RTR_VMG_EA	END ADDRESS OF RTR_VMG
16–27	RESERVED	RESERVED
28–31	VMGI_EA	END ADDRESS OF VMG1
32–33	VERN	VERSION NUMBER OF DVD SPECIFICATION FOR VIDEO RECORDING
32–127	RESERVED	RESERVED
128–129	TM_ZONE	TIME ZONE
130–131	STILL_TM	STILL TIME FOR STILL PICTURES
132–133	CHRS	CHARACTER SET CODE FOR PRIMARY TEXT
134–148	RSM_MRK1	RESUME MAKER INFORMATION
149–163	REP_PICTI	DISC REPRESENTATIVE PICTURE INFORMATION
164–191	RESERVED	RESERVED
192–195	M_AVFIT_SA	START ADDRESS OF M_AVFIT
196–199	S_AVFIT_SA	START ADDRESS OF S_AVFIT
200–207	RESERVED	RESERVED
208–211	ORG_PGC1_SA	START ADDRESS OF ORG_PGCI
212–215	UD_PGCTT_SA	START ADDRESS OF UD_PGCIT
216–219	TXTDT_MG_SA	START ADDRESS OF TXTDT_MG
220–223	MNFIT_SA	START ADDRESS OF MNFIT
224-511	RESERVED	RESERVED FOR FUTURE USE

RBP=RELATIVE BYTE POSITION

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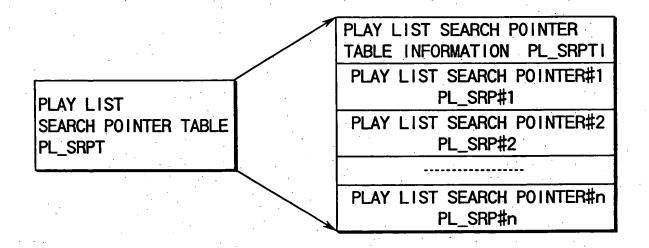


FIG.8

CONTENTS OF PLAY LIST SEARCH POINTER TABLE INFORMATION (PL_SRPTI)

RBP	FILE NAME	CONTENTS
0–2	RESERVED	RESERVED
3	PL_SRP_Ns	NUMBER OF PLAY LIST SEARCH POINTERS
4-7	PL_SRPT_EA	END ADDRESS OF PL_SRPT

RBP=RELATIVE BYTE POSITION

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CONTENTS OF PLAY LIST SEARCH POINTER (PL_SRP)

	·	
RBP	FILE NAME	CONTENTS
0	RESERVED	RESERVED
1.	PL_TY	PLAY LIST TYPE
2	PGCN	PGC NUMBER
3–7	PL_CREATE_TM	TIME WHEN PLAY LIST WAS CREATED
8–135	PRM_TXT1	PRIMARY TEXT INFORMATION
136–137	IT_TXT_SRPN	ITEM TEXT SEARCH POINTER NUMBER FOR THIS PLAY LIST IT_TXT_SRPN
138–145	THM_PTRI	THUMBNAIL POINTER INFORMATION

RBP=RELATIVE BYTE POSITION

FIG. 10

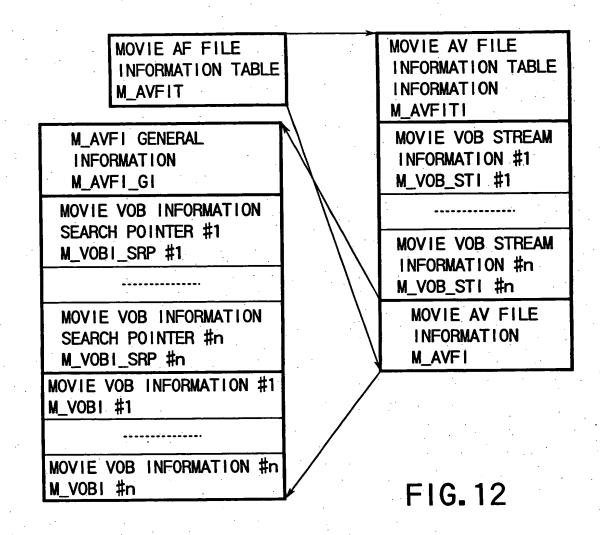
CONTENTS OF THUMBNAIL POINTER INFORMATION (THM_PTRI)

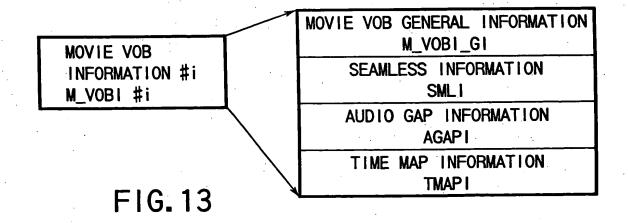
RBP	FILE NAME	CONTENTS
138–139	CN	CELL NUMBER
140–145	THM_PT	THUMBNAIL POINT

RBP=RELATIVE BYTE POSITION

FIG. 11

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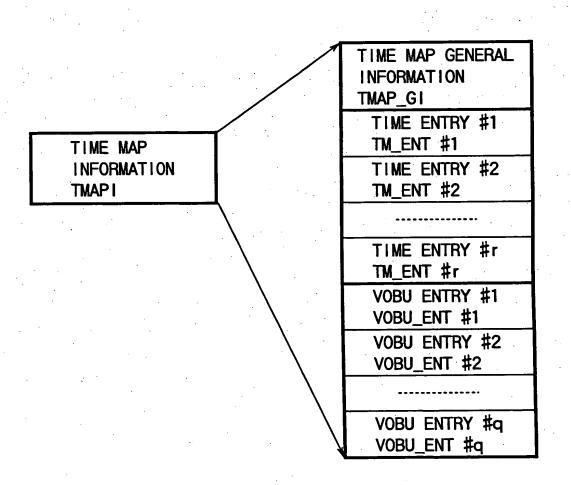


FIG. 14

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CONTENTS OF TIME MAP GENERAL INFORMATION (TMAP_GI)

RBP	FILE NAME	CONTENTS
0-1	TM_ENT_Ns	NUMBER OF TIME ENTRIES
2–3	V0BU_ENT_Ns	NUMBER OF VOBU ENTRIES
4–5	TM_OFS	TIME OFFSET
6–9	ADR_OFS	ADDRESS OFFSET

RBP=RELATIVE BYTE POSITION

FIG. 15

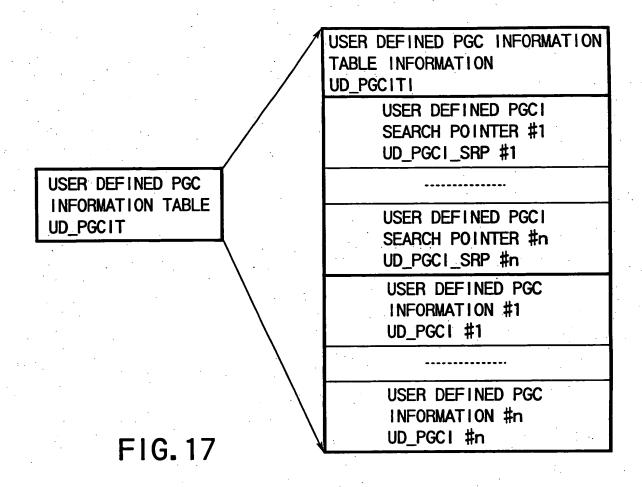
CONTENTS OF TIME ENTRY (TM_ENT)

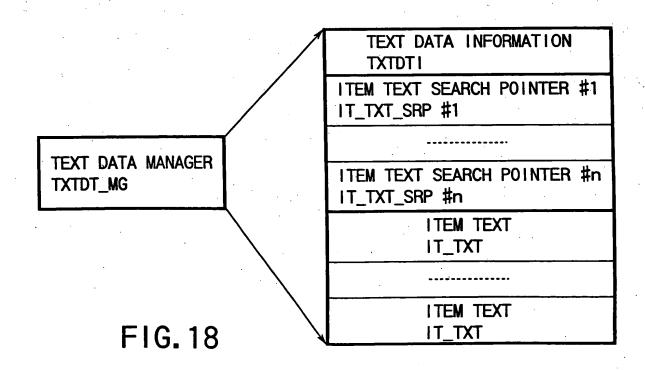
RBP	FILE NAME	CONTENTS
0–1	VOBU_ENTN	VOBU ENTRY NUMBER
2	TM_DIFF	TIME DIFFERENCE
3–6	VOBU_ADR	TARGET VOBU ADDRESS

RBP=RELATIVE BYTE POSITION

FIG. 16

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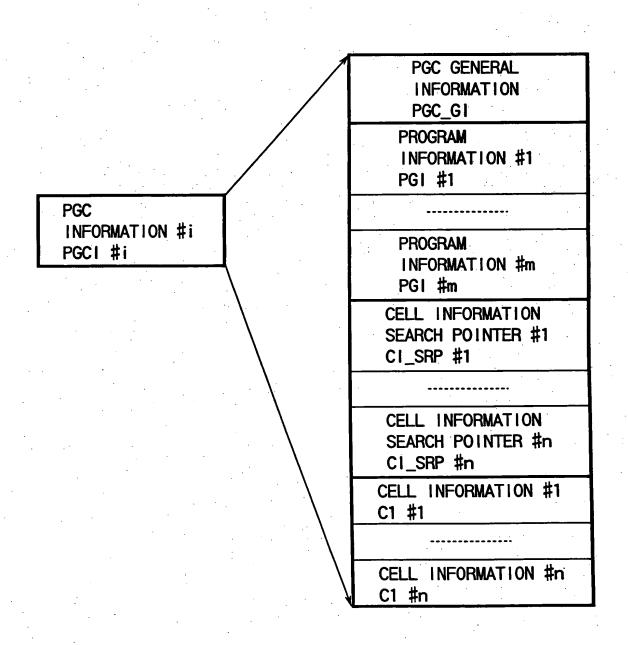


FIG. 19

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CONTENTS OF PGC GENERAL INFORMATION (PGC_GI)

	·	·
RBP	FILE NAME	CONTENTS
0	RESERVED	RESERVED
1	PG_Ns	NUMBER OF PROGRAMS
2–3	CI_SRP_Ns	NUMBER OF CI_SRPs

RBP=RELATIVE BYTE POSITION

FIG. 20

CONTENTS OF PROGRAM INFORMATION (PGI)

RBP	FILE NAME	CONTENTS			
0	RESERVED RESERVED				
1	PG_TY	PROGRAM TYPE			
2–3	C_Ns	NUMBER OF CELLS IN THIS PROGRAM			
4–131	PRM_TXT1	PRIMARY TEXT INFORMATIO			
132–133	IT_TXT_SRPN	IT_TXT_SRP_NUMBER			
134–141	THM_PTRI	THUMBNAIL POINTER INFORMATION			

RBP=RELATIVE BYTE POSITION

FIG. 21

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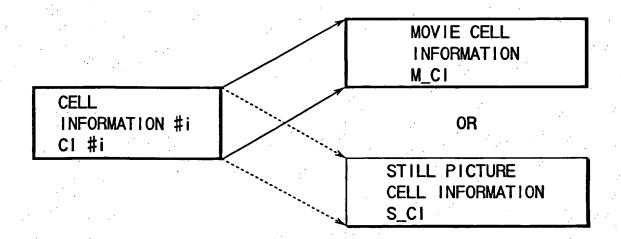


FIG. 22

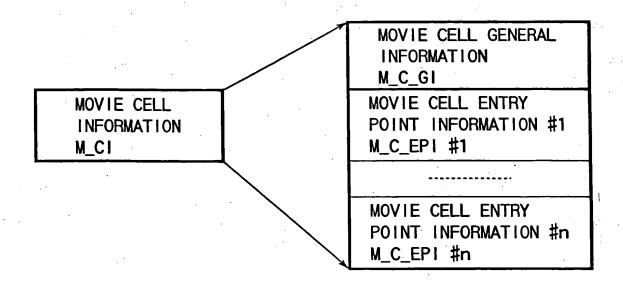


FIG. 23

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CONTENTS OF MOVIE CELL GENERAL INFORMATION (M_C_GI)

RBP	FILE NAME	CONTENTS
0	RESERVED	RESERVED
1	C_TY	CELL TYPE
2–3	M_VOBI_SRPN	MOVIE VOBI SEARCH POINTER NUMBER
4–5	C_EPI_Ns	NUMBER OF CELL ENTRY POINT INFORMATION
6–11	C_V_S_PTM	PRESENTATION START TIME OF THIS CELL
12–17	C_V_E_PTM	PRESENTATION END TIME OF THIS CELL

RBP=RELATIVE BYTE POSITION

FIG. 24

CONTENTS OF MOVIE CELL ENTRY POINT INFORMATION (M_C_EPI)

RBP	FILE NAME		CONTENTS
וטו			
0	EP_TY		ENTRY POINT TYPE
1–6	EP_PTM		PRESENTATION TIME
	_		OF ENTRY POINT
7–134	PRM_TXT1		PRIMARY TEXT INFORMATION
RBP=RE	LATIVE BYTE POSITION	/	

INFORMATION TYPE

DATE INFORMATION

TEXT INFORMATION

FIG. 25

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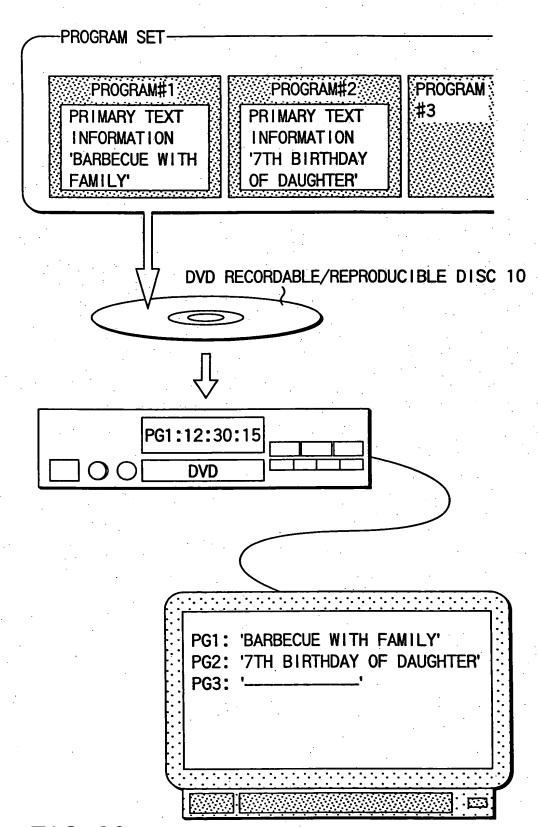


FIG. 26

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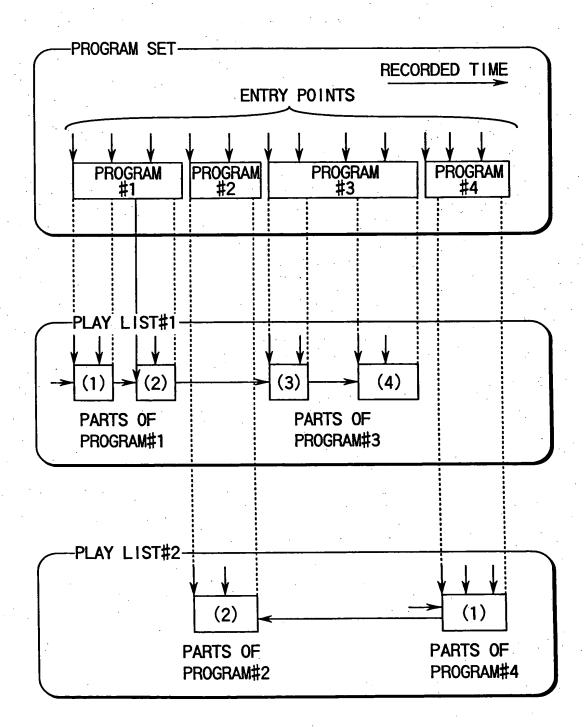


FIG. 27

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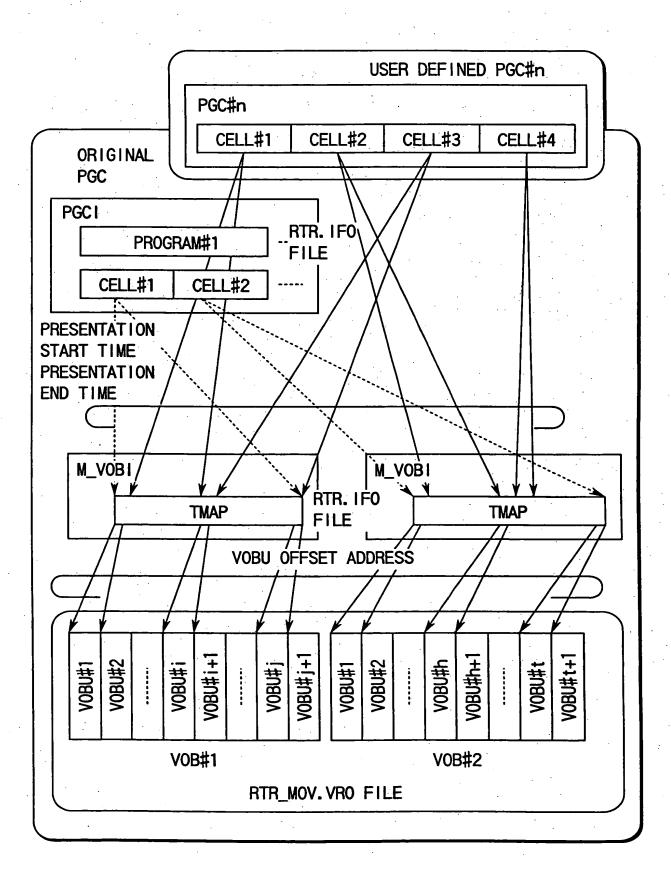
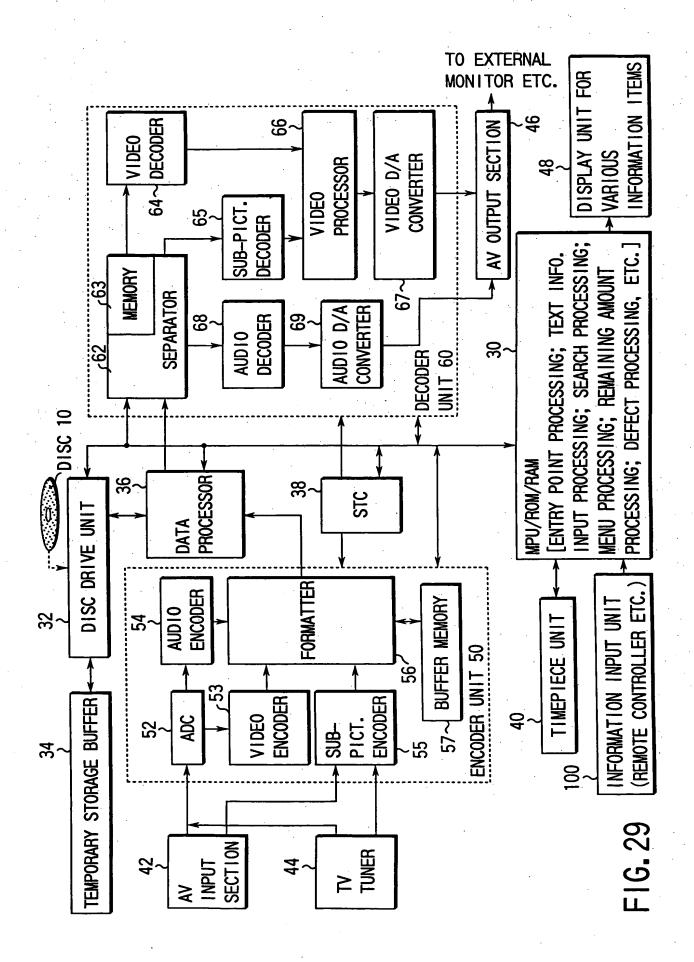
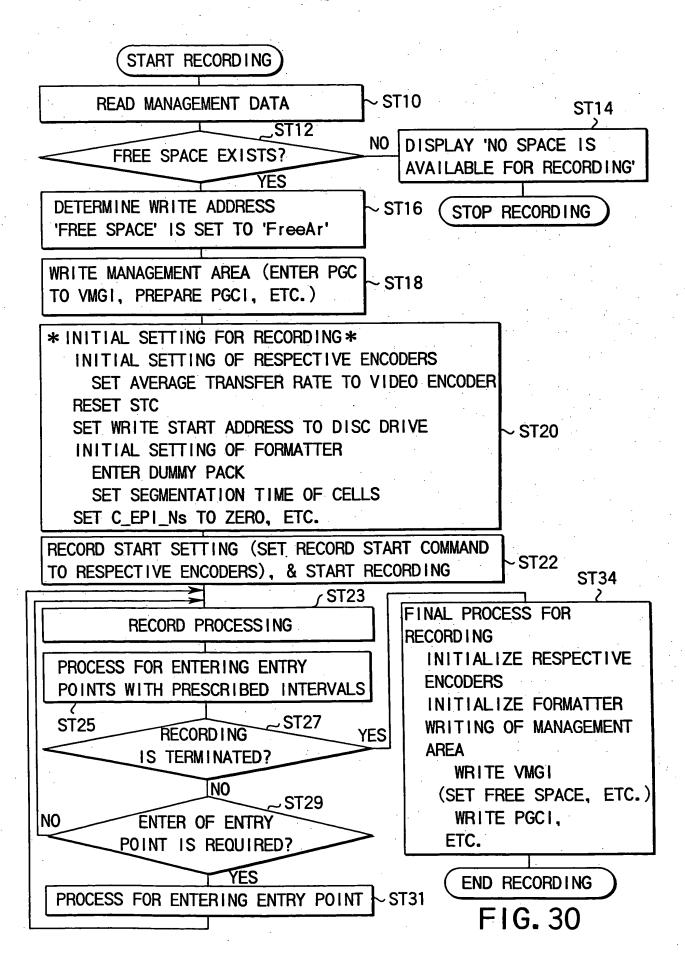


FIG. 28

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DOCKET NO: 249677US2S DIV
INVENTOR:
Yasufumi TSUMAGARI et al.
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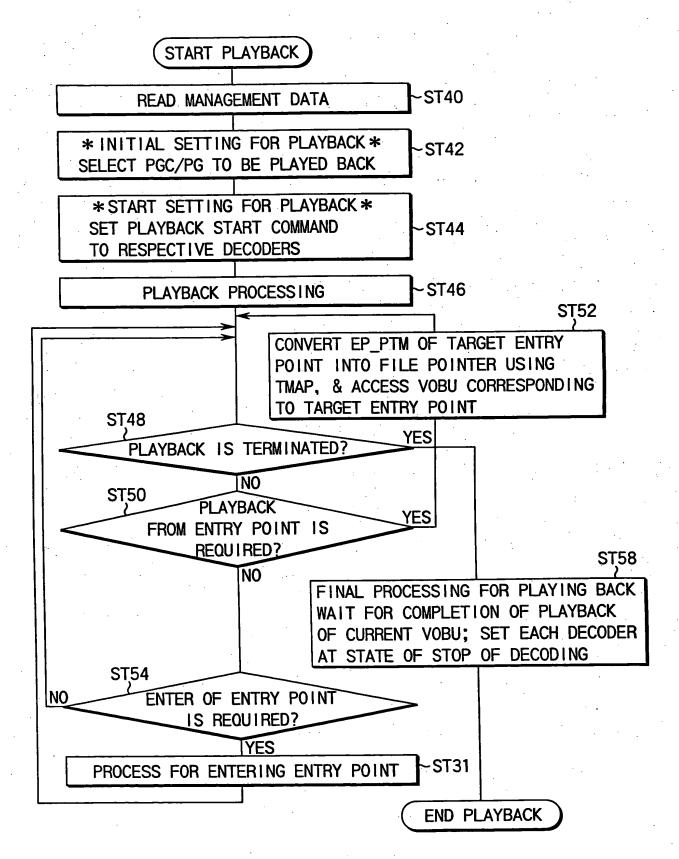


FIG. 31

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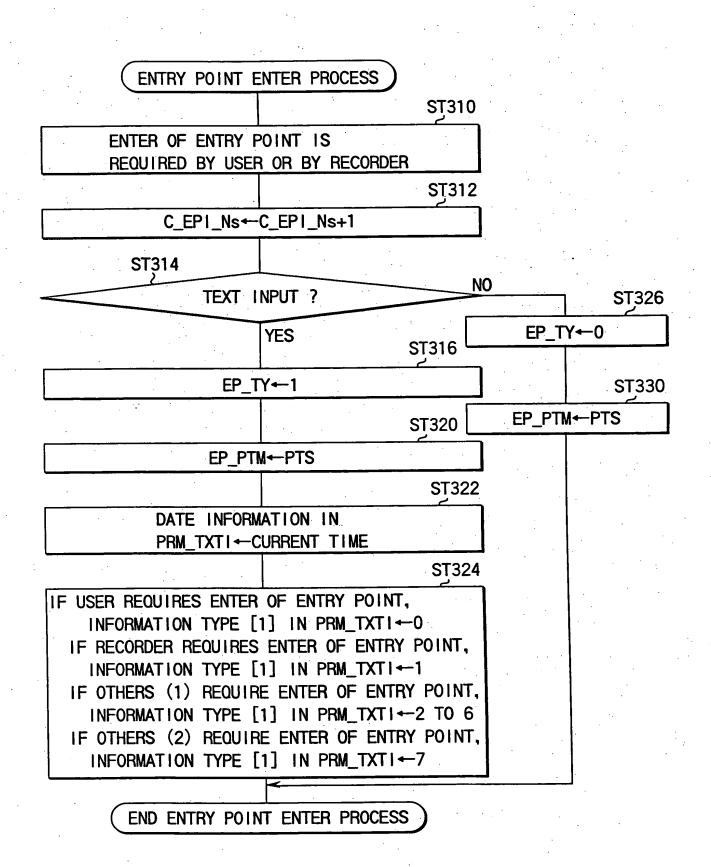


FIG. 32

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INVENTOR:
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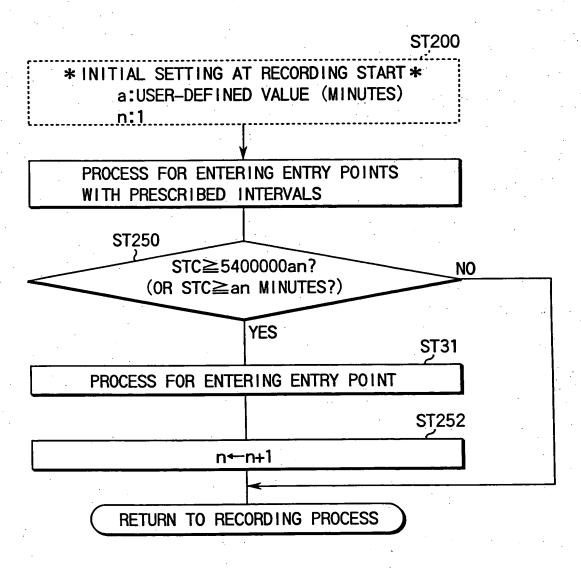


FIG. 33

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INVENTOR:
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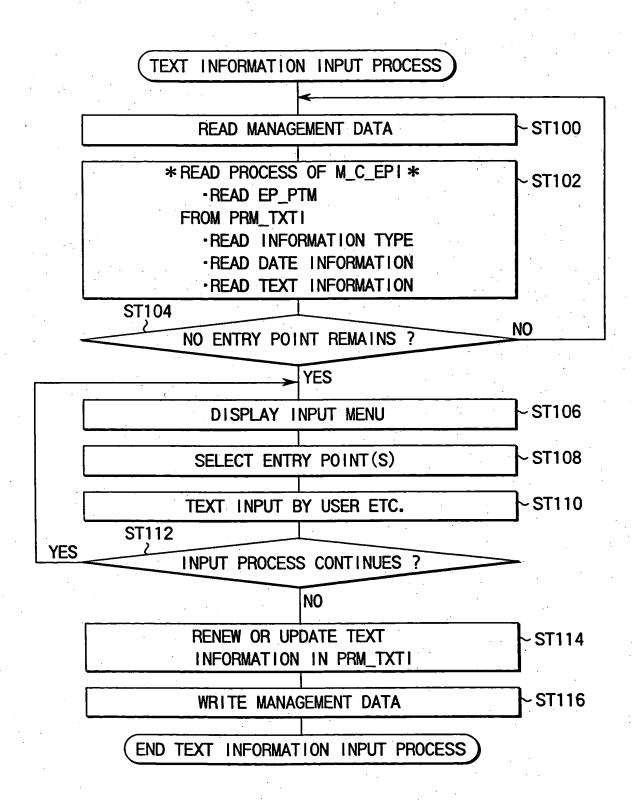


FIG. 34

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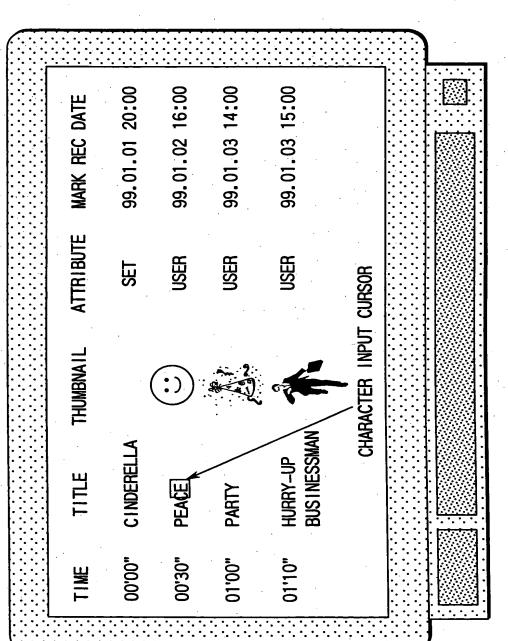


FIG. 35

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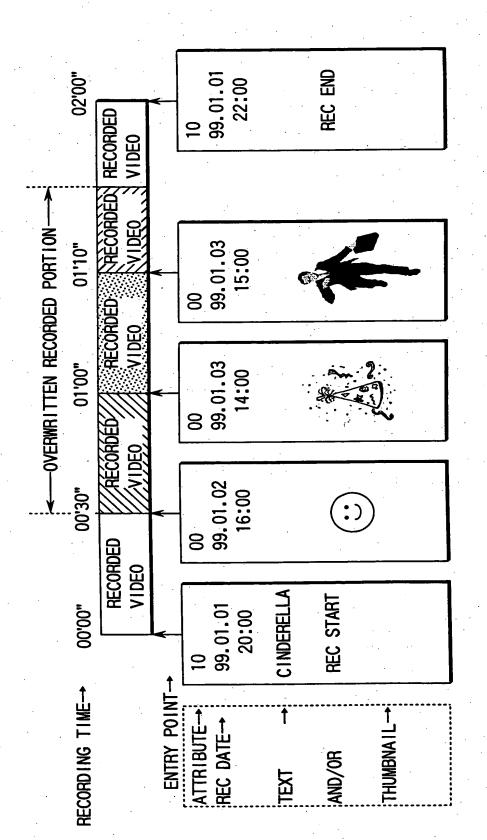


FIG. 36

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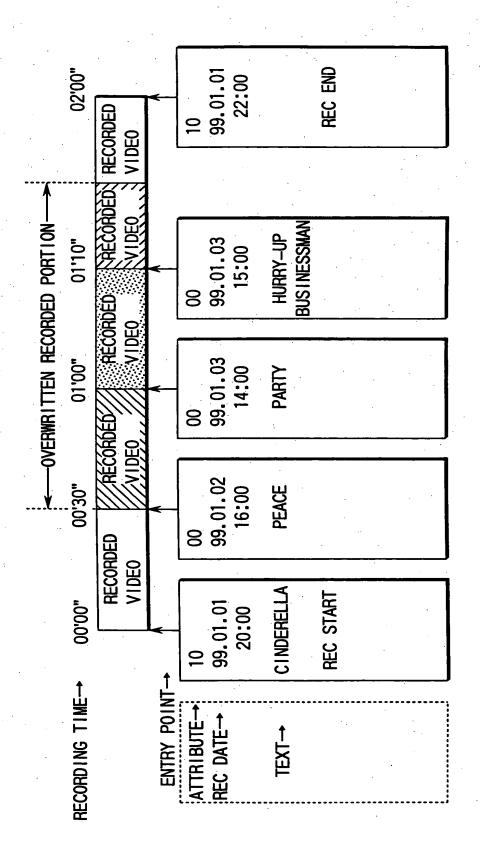


FIG. 37

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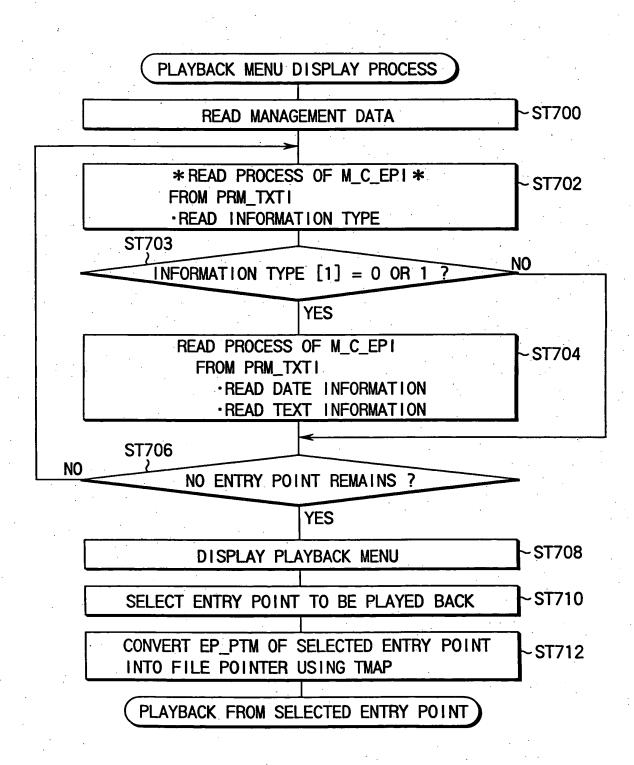


FIG. 38

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· · · · · · · · · · · · · · · · · · ·						
ATE	00:00	00:91	4:00	15:00		
MARK REC DATE	99.01.01 20:00	99.01.02 16:00	99.01.03 14:00	99.01.03 15:00	·	
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FIG. 39

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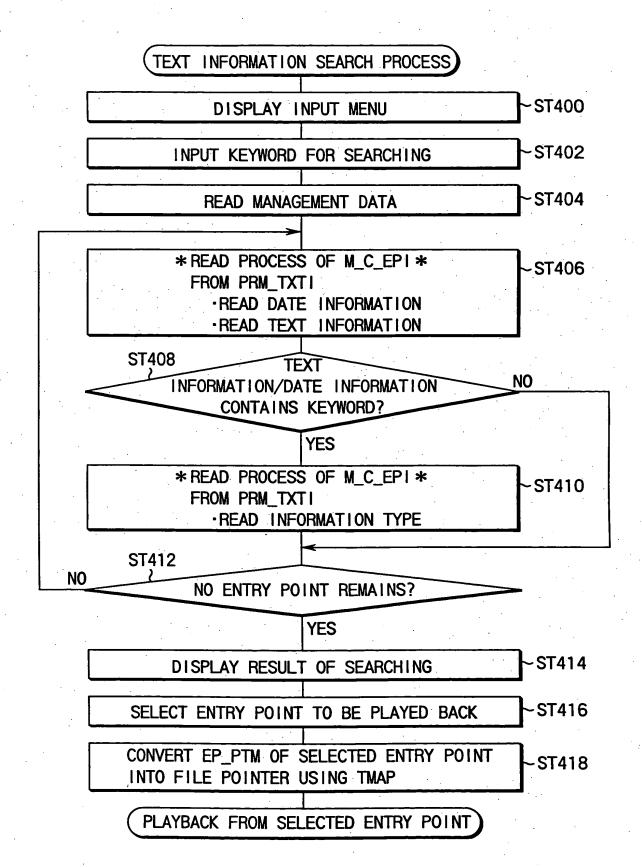


FIG. 40

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=SEARCH MENU FOR PLAYBACK ITEMS= CINDERELLA 99.01.?? WILL BE SEARCHED

F16.41

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INVENTOR:
Yasufumi TSUMAGARI et al.
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FIG. 42

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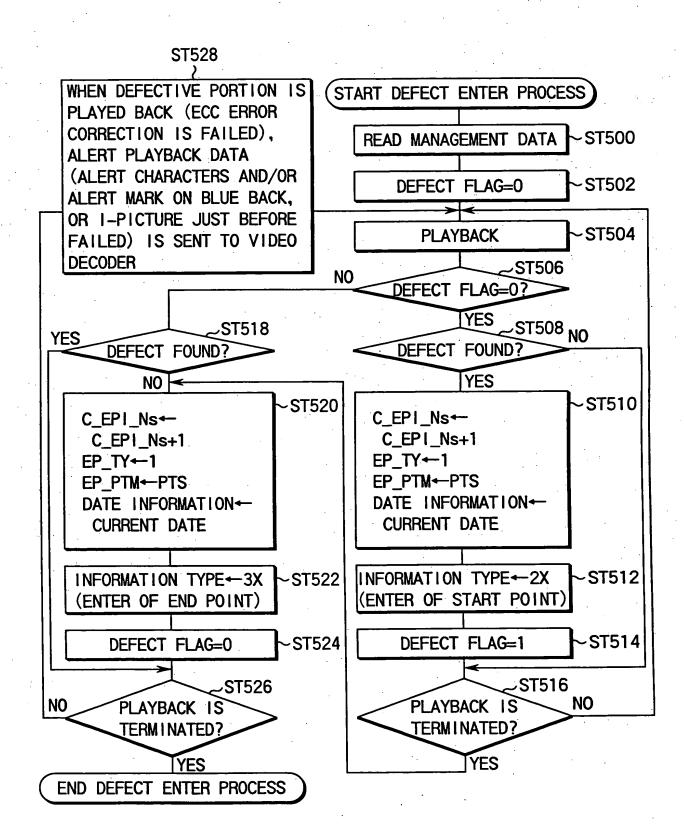
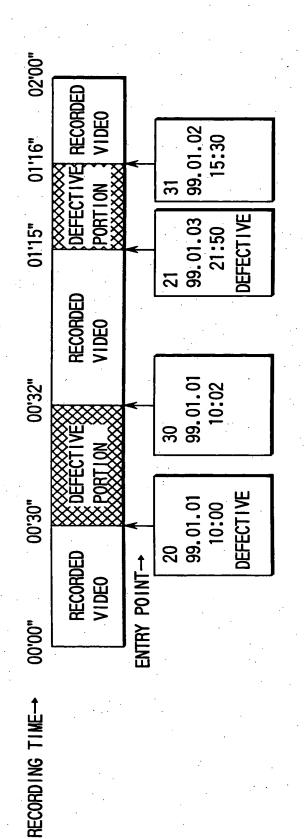


FIG. 43

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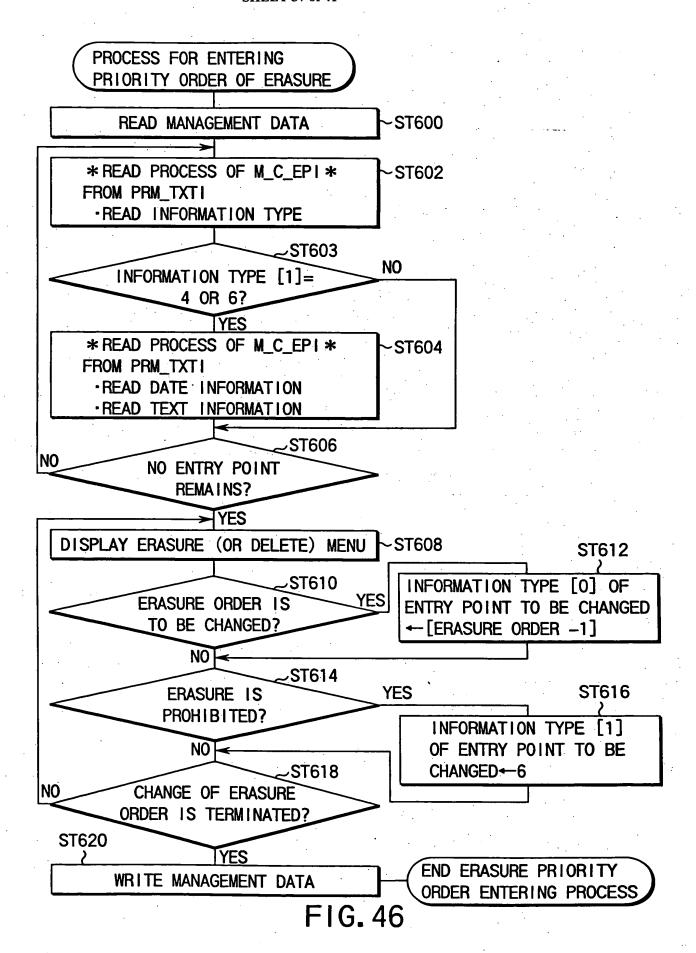


F16.44

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AGE CONTRACTOR OF THE CONTRACT	NT MENU=	REPRODUCTION MANNER DEFECT FOUND DATE	TO PLAYBACK WITH 99.01.01 10:00 INCOMPLETE VIDEO/AUDIO	TO SKIPPING WHILE DISPLAYING 99.01.03 21:50 STEROR ALERT ON BLUE BACK	TO SKIPPING WHILE DISPLAYING 99.01.15 09:00 ERROR ALERT ON STILL PICT. OBTAINED JUST BEFORE OCCURRING ERROR	
7. FECT 1	=DEFECT MANAGEMENT MENU=		00'30"-00'32" TO	01'15"-01'16" TO ERRC	01'49"-01'52" T0 ERR 0BT,	

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DOCKET NO: 249677US2S DIV
INVENTOR:
Yasufumi TSUMAGARI et al.

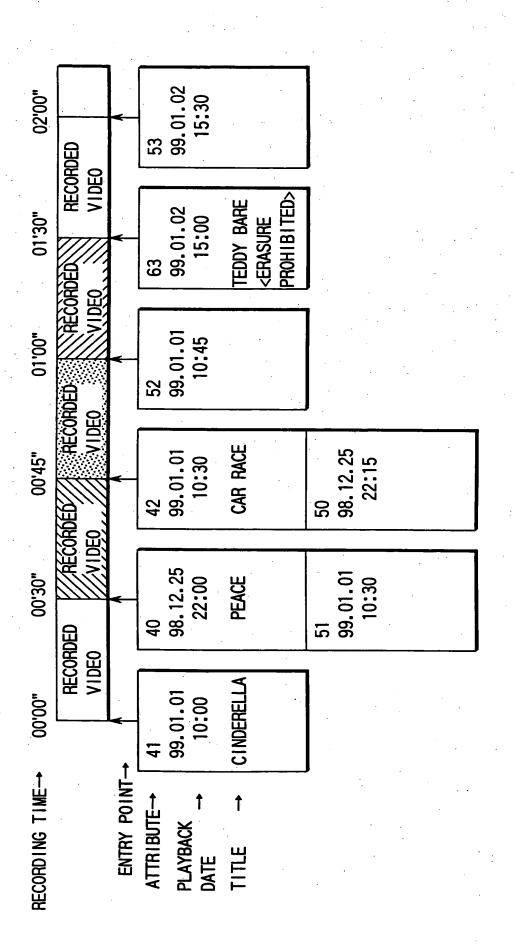


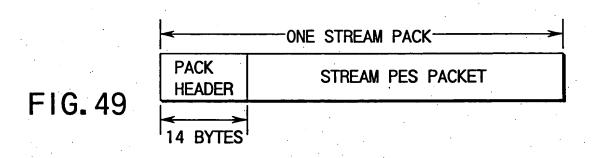
FIG. 47

OBLON, SPĪVAK, et al. DOCKET NO: 249677US2S DIV INVENTOR: Yasufumi TSUMAGARI et al. SHEET 39 of 41

ORDER				RASE	<u>8</u>	
ERASURE ORDER	2	• •	8	CAN'T ERASE	INPUT CURSOR FOR ERASURE ORDER OR ERASURE PROHIBITION	
PLAYBACK DATE	99.01.01.10:00	98.12.25 22:00	99.01.01 10:30	99.01.02 15:00	INPUT CURSOR FOR ERASURE DRDER OR ERASURE PROHIBI	
PLAYBA	99.01.(98.12.3	99.01.(99.01.0	INPUT CORDER 0	
THUMBNAIL	(\bigcirc		(.)		
TITE	CINDERELLA	PEACE	CAR RACE	TEDDY BARE		
TIME	.00.00	.00.30	.00.45"	01'30"	٠.	

FIG. 48

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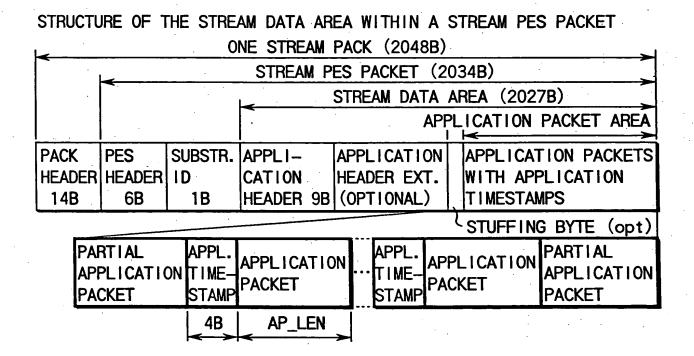


FIG. 50

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